

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jingyue Ju et al.  
U.S. Serial No. : Not Yet Known  
Filed : Herewith  
For : HIGH-FIDELITY DNA SEQUENCING USING  
SOLID PHASE CAPTURABLE  
DIDEOXYNUCLEOTIDES AND MASS  
SPECTROMETRY

1185 Avenue of the Americas  
New York, New York 10036  
March 30, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the subject application as follows:

In the claims:

Please cancel claims 2, 3, 6, 9, 10, 13, 16-32, 35, 38, 40, 44-45, 47, 49, and 51-58 without prejudice to applicants' right to pursue the subject matter of these claims in a future continuation or divisional application.

**REMARKS**

Claims 1-58 were pending in the subject application. By this Amendment applicants have canceled claims 2, 3, 6, 9, 10, 13, 16-32, 35, 38, 40, 44-45, 47, 49, and 51-58 without prejudice or disclaimer. Accordingly, upon entry of this Amendment claims 1, 4-5, 7-8, 11-12, 14-15, 33-34, 36-37, 39, 41-43, 46, 48, and 50 will be pending.

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Marital status	
Married	78.5%
Single	21.5%
Education level	
High school or above	65.2%
Below high school	34.8%
Occupation	
White collar	45.1%
Blue collar	54.9%
Income (US\$)	
< 1000	12.3%
1000-2000	35.7%
2000-3000	28.9%
> 3000	23.1%
Health insurance	
Yes	89.4%
No	10.6%
Smoking status	
Smoker	28.7%
Non-smoker	71.3%
Alcohol consumption	
Regular	15.6%
Occasional	32.4%
Never	52.0%
Family size	
1-2	40.1%
3-4	38.5%
5 or more	21.4%
Chronic diseases	
Hypertension	35.2%
Diabetes	18.7%
Heart disease	22.1%
Stroke	12.5%
Arthritis	25.3%
Chronic kidney disease	8.9%
Chronic lung disease	14.6%
Chronic liver disease	5.7%
Chronic mental illness	3.2%
Chronic pain	19.8%
Chronic fatigue	11.4%
Chronic stress	27.9%
Chronic anxiety	16.5%
Chronic depression	13.8%
Chronic insomnia	10.2%
Chronic headache	17.6%
Chronic back pain	21.3%
Chronic neck pain	18.9%
Chronic joint pain	24.7%
Chronic muscle pain	20.1%
Chronic skin conditions	12.8%
Chronic eye conditions	9.5%
Chronic ear conditions	7.3%
Chronic nose conditions	6.1%
Chronic throat conditions	5.4%
Chronic dental conditions	8.7%
Chronic hair conditions	4.9%
Chronic nail conditions	3.6%
Chronic skin cancer	2.1%
Chronic breast cancer	1.8%
Chronic prostate cancer	1.5%
Chronic lung cancer	1.2%
Chronic liver cancer	0.9%
Chronic stomach cancer	0.7%
Chronic colon cancer	0.6%
Chronic rectal cancer	0.5%
Chronic bladder cancer	0.4%
Chronic kidney cancer	0.3%
Chronic pancreas cancer	0.2%
Chronic esophagus cancer	0.1%
Chronic thyroid cancer	0.1%
Chronic testis cancer	0.1%
Chronic ovary cancer	0.1%
Chronic uterine cancer	0.1%
Chronic cervical cancer	0.1%
Chronic vaginal cancer	0.1%
Chronic penile cancer	0.1%
Chronic vulva cancer	0.1%
Chronic anal cancer	0.1%
Chronic skin melanoma	0.1%
Chronic skin basaloma	0.1%
Chronic skin squamous	0.1%
Chronic skin carcinoma	0.1%
Chronic skin sarcoma	0.1%
Chronic skin lymphoma	0.1%
Chronic skin leukemia	0.1%
Chronic skin myeloma	0.1%
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Chronic skin melanoma	0.1%
Chronic skin basaloma	

No fee, other than the enclosed \$355.00 fee for filing this application, is deemed necessary in connection with the filing of this Preliminary Amendment. However, if an additional fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

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